

## CONNECTIONLESS DATA LINK ASSEMBLY

### **ABSTRACT OF THE DISCLOSURE**

A pre-assembled, connectionless data link assembly provides electronic communication between the engine controller and the transmission controller. The connectionless data link assembly comprises a back bone or trunk portion and one or more stub branches spliced into the trunk portion. An engine shunt portion and a transmission shunt portion are spliced into the trunk portion to provide electronic communication to engine and transmission controllers, respectively. In addition, an anti-lock brake system shunt portion can be spliced into the trunk portion. A pair of termination resistors housed in a barrel mold is located at each ends of the data link assembly. In addition, an anti-lock shunt portion may be sliced into the trunk portion to provide communication to an anti-lock brake controller. The pre-assembled, connectionless data link assembly is easily connected to provide electronic communication between the engine, transmission and anti-lock braking system, thereby eliminating the human factor involved with inline connections necessary with conventional data links.

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